

CLAIMS

1. An image forming apparatus comprising;  
a plurality of trays for receiving discharged sheets bearing  
a formed image,
- 5      a setting means for setting the form of output with respect  
to at least one of said plurality of trays,  
and an image forming unit for forming an image on the sheets  
in the form of output set by said setting means when the tray  
which the form of output has been set is selected as the  
10     destination of discharged paper.
2. An image forming apparatus according to claim 1,  
wherein said setting means comprises a selector for selecting  
one tray from said plurality of trays and sets the form of  
output with respect to the tray selected by said selector.
- 15     3. An image forming apparatus according to claim 1,  
wherein said setting means sets the form of output with  
respect to each of said plurality of trays.
- 20     4. An image forming apparatus according to claim 1,  
wherein said form of output serves the purpose of forming  
images each on the obverse and the reverse side of a sheet.
5. An image forming apparatus according to claim 1,  
wherein said form of output serves the purpose of forming  
images of a plurality of pages on one sheet.
6. An image forming apparatus according to claim 1,

wherein at least one of said plurality of trays is allocated to a specific user as a discharged destination.

7. An image forming apparatus according to claim 1,  
which further comprises an editing means for editing an image  
5 data in accordance with the form of output of an image and  
a memory for storing an image data edited by said editing  
means when the supply of sheets to be discharged runs out.

8. An image forming apparatus according to claim 7,  
wherein said edited image data has a smaller volume than the  
10 image data yet to be edited.

9. An image forming apparatus according to claim 1,  
which further comprises a receiving means for receiving data  
concerning the discharged destination and the form of output  
and an image data as a set, said image forming unit serving  
15 the purpose of forming an image on sheets based on the image  
data received by said receiving means.

10. An image forming apparatus according to claim 9,  
which further comprises a judging means for examining the  
tray decided based on the received data of discharged  
20 destinations to judge whether or not the form of output has  
been set by said setting means, and a controller for  
invalidating the received data concerning the form of output  
when said judging means draws a judgment that the form of  
output has been set for said tray.

11. An image forming apparatus comprising;

a plurality of trays for receiving discharged sheets bearing  
a formed image,

a registering means for registering an output layout with  
5 respect to at least one of said plurality of trays,

a receiving means for receiving the information concerning  
the trays as discharged destinations and the output layout  
and the image data transmitted from an external device, a  
print unit for printing an image based on the received image  
10 data,

a judging means for examining the tray decided based on the  
received data of discharged destinations to judge whether  
or not the output layout has been registered by said  
registering means,

15 and a controller for causing said print unit, when said  
judging means judges that an output layout has been  
registered with respect to said tray, to produce prints in  
the registered output layout irrespective of the output  
layout which has been received.

20 12. An image forming apparatus comprising;

  
a plurality of trays for receiving discharged sheets bearing  
a formed image,

a setting means for setting the size of discharged sheets  
with respect to at least one of said plurality of trays,

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and an image forming unit for supplying sheets of the size set by said setting means when the tray having set the size of discharged sheets is selected as the discharged destination and then forming an image on said sheets.

5        13. An image forming apparatus according to claim 12, wherein said setting means comprises a selector for selecting one tray from said plurality of trays and sets the size of sheets to be discharged to the tray selected by said selector.

10      14. An image forming apparatus according to claim 12, wherein said setting means sets the sizes of sheets to be discharged respectively to said plurality of trays.

15      15. An image forming apparatus according to claim 12, which further comprises a receiving means for receiving the data concerning the discharged destination and the size of sheets and an image data as a set, said image forming unit serving the purpose of forming an image on sheets based on the image data received by said receiving means.

20      16. An image forming apparatus according to claim 15, which further comprises a judging means for examining the tray decided based on the received data on the discharged destinations to judge whether or not the size of sheets has been set by said setting means, and a controller for invalidating the data concerning the size of received sheets when said judging means has drawn a judgment that the size

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of sheet has been set for said tray.

17. An image forming apparatus comprising;  
a plurality of trays for receiving discharged sheets bearing  
a formed image,  
a setting means for setting post handling of discharged  
sheets with respect to at least one of said plurality of trays,  
and a sheet processing unit for performing the post handling  
of sheets set by said setting means when the tray having set  
the post handling of discharged sheets is selected as the  
discharged destination.

18. An image forming apparatus according to claim 17,  
wherein said post handling of sheets is a processing for  
stapling a bundle of sheets.

19. An image forming apparatus according to claim 17,  
wherein said post handling of sheets is a processing for  
punching sheets.

20. An image forming apparatus according to claim 17,  
which further comprises a receiving means for receiving the  
data concerning the discharged destination and an image data  
20 as a set, said image forming unit serving the purpose of  
forming an image on sheets based on the image data received  
by said receiving means.